

INFORMATION TECHNOLOGY (IT)

Curt Balogh - Director

Susan Olson - Information Services and GIS Manager



- > IT Introduction
- > Intro to GIS
- > GIS Activity
- > GIS in Action
- Demo/Break
- > GIS at Home
- Questions and Answers



IT ORGANIZATION

Assistant City Manager

Ron Patterson

Information Technology
Director

Curt Balogh

Enterprise Technology and Infrastructure Manager

Tim Yarbrough

Information Services and GIS Manager

Susan Olson

IT Strategic Planning

Perry Harts



IT RESPONSIBILITIES

- Comprehend and Support All Departments' Business and Process Requirements
- Define and Implement a Technology Strategy
- Implement Technology Projects
- Maintain Computers, Telephones, Networks



IT RESPONSIBILITIES

- Computers, telephones, networks
 - 800+ desktop and laptop computers
 - 800+ telephones
 - 100+ Servers
 - Fiber wide area network
 - Wireless networks in City Hall/Library, Police Dept. and Fire Dept.

FRISCO

IS/GIS RESPONSIBILITIES

- > Application Support
 - Cityworks
 - Class
 - Geographic Information Systems
 - Library Systems
 - Munis
 - Trakit
 - 60 + Applications



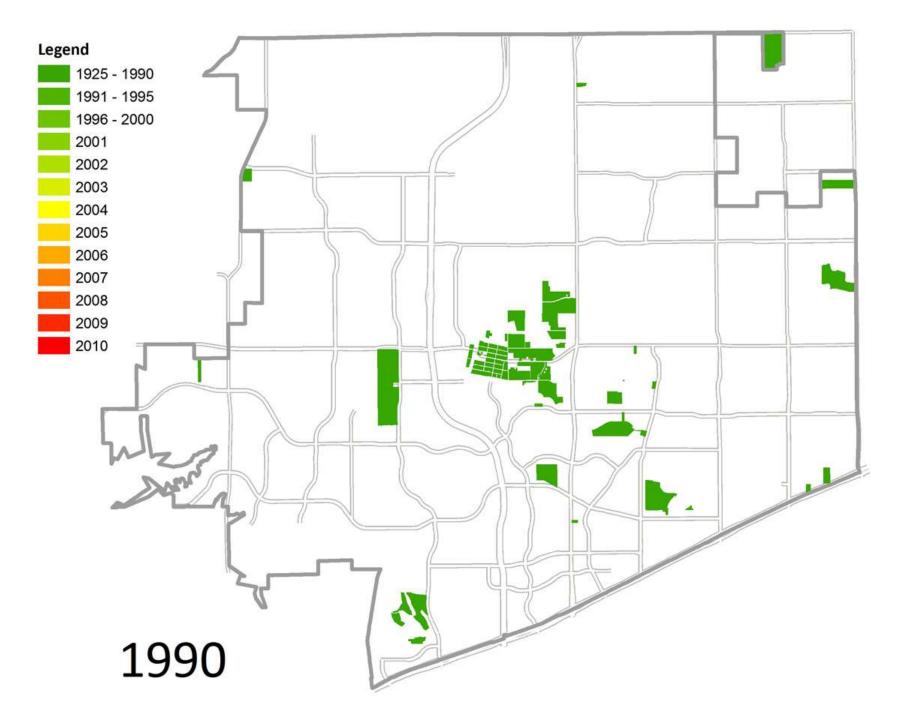
GIS FUNCTIONS

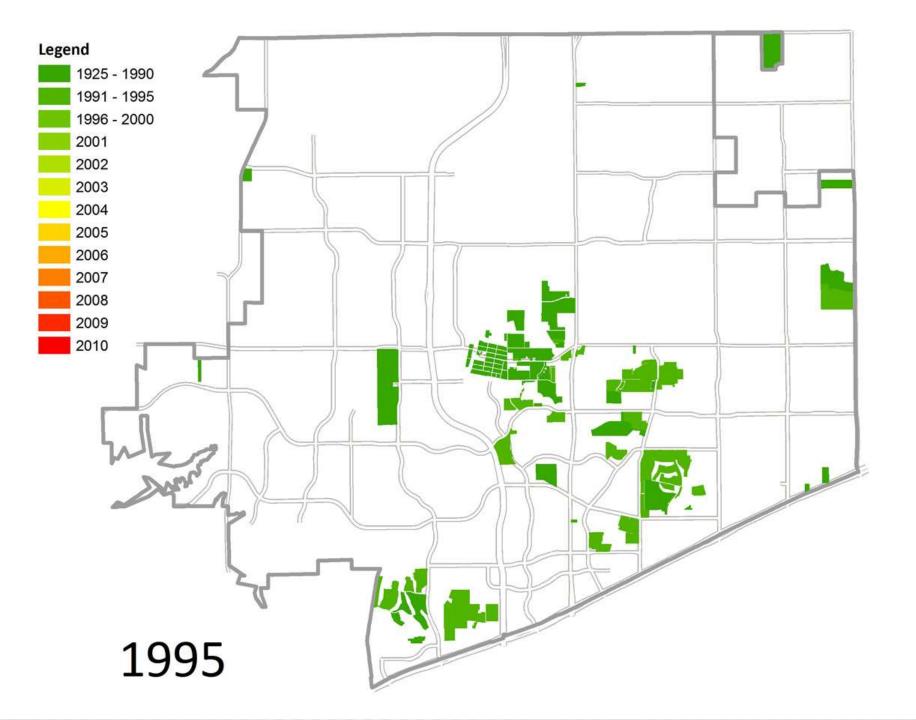
- Provide support to all City Departments
 - Application Support
 - GIS Data Maintenance
 - Mapping
 - Analysis
 - Integration
 - Training

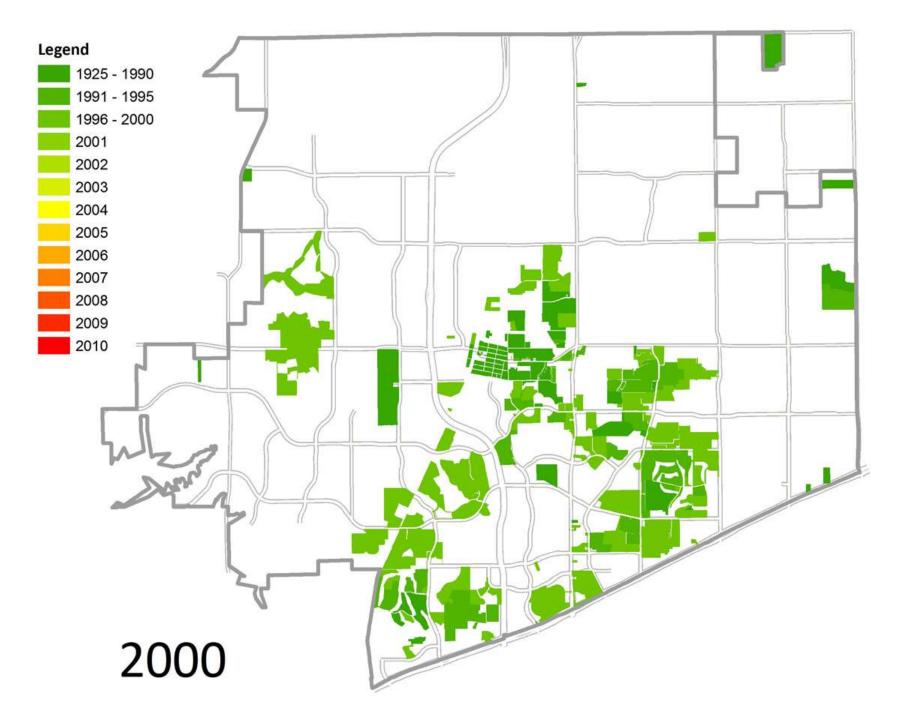


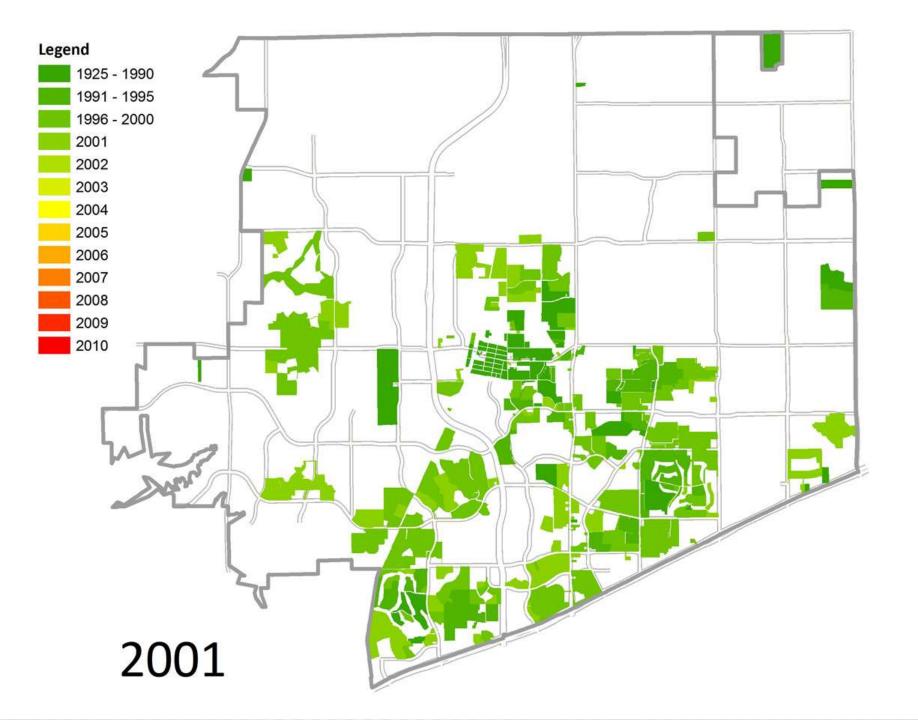
WHAT IS GIS

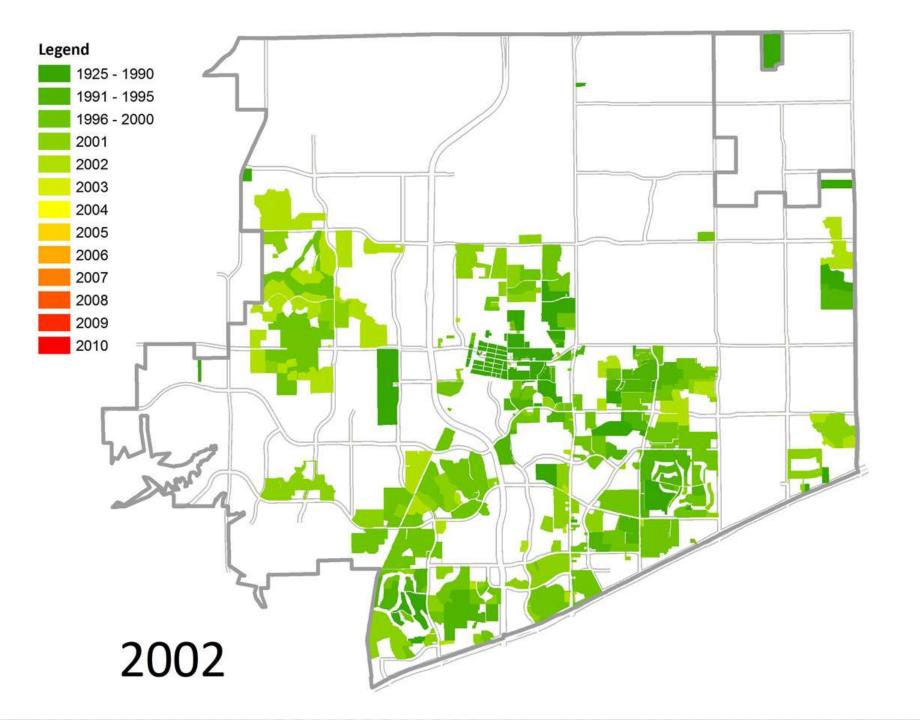
GIS is a collection of computer hardware, software, and geographic data for capturing, managing, analyzing, and displaying all forms of geographically referenced information

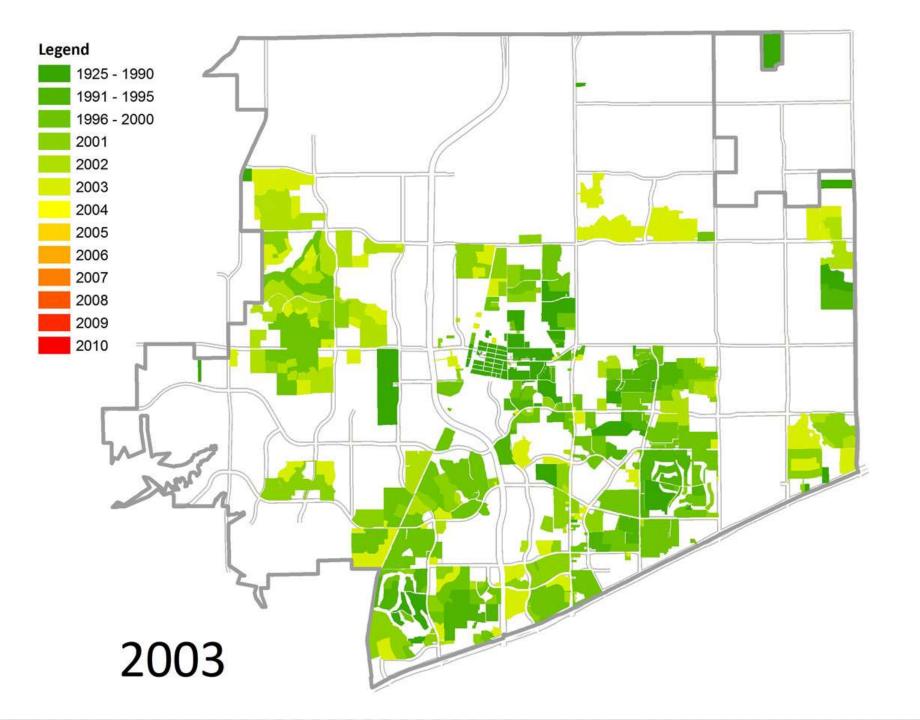


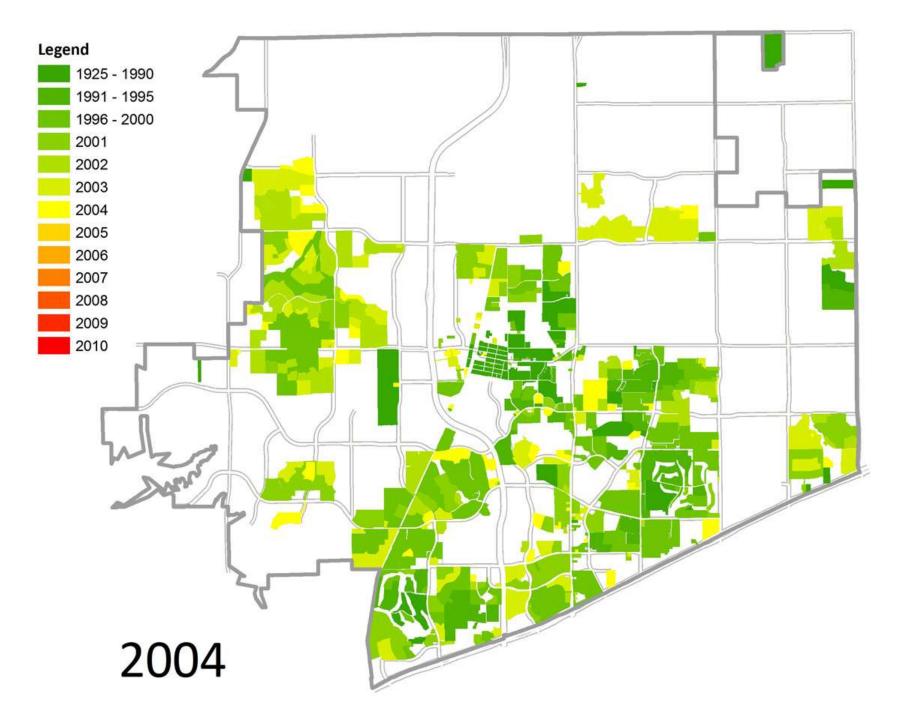


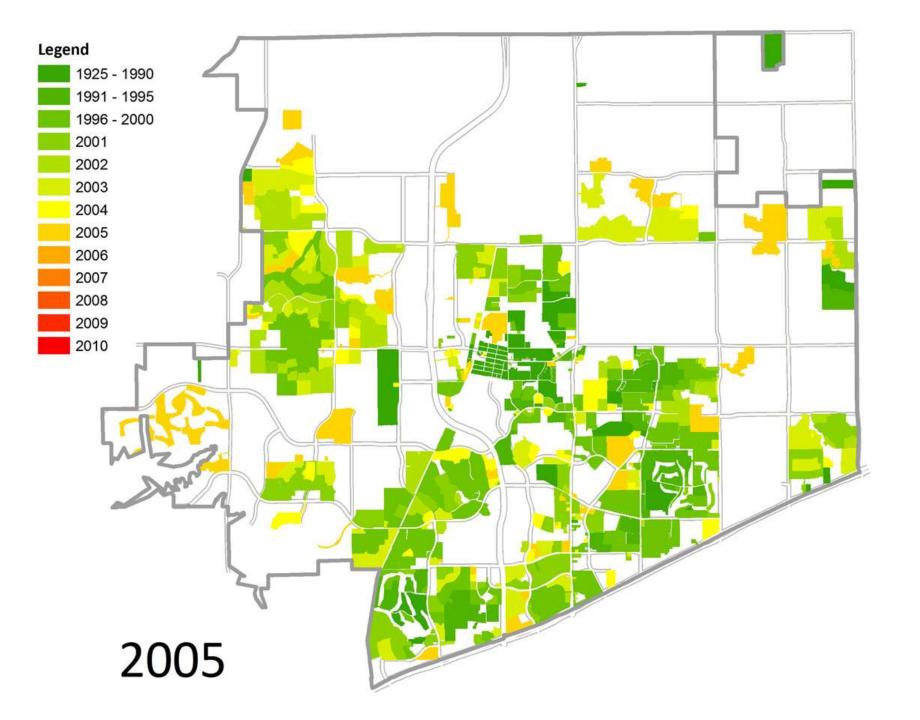


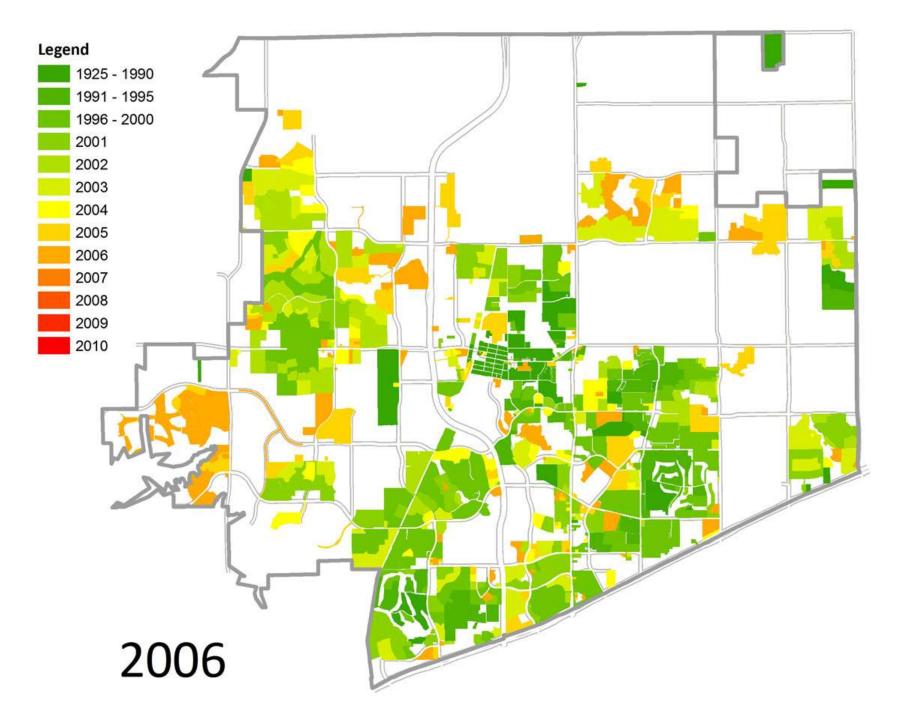


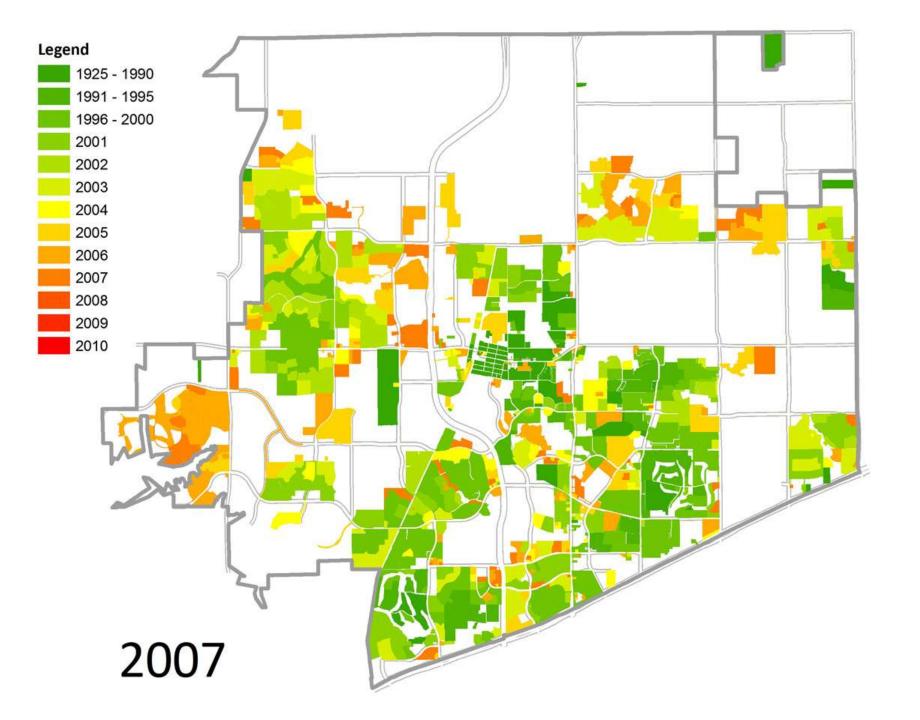


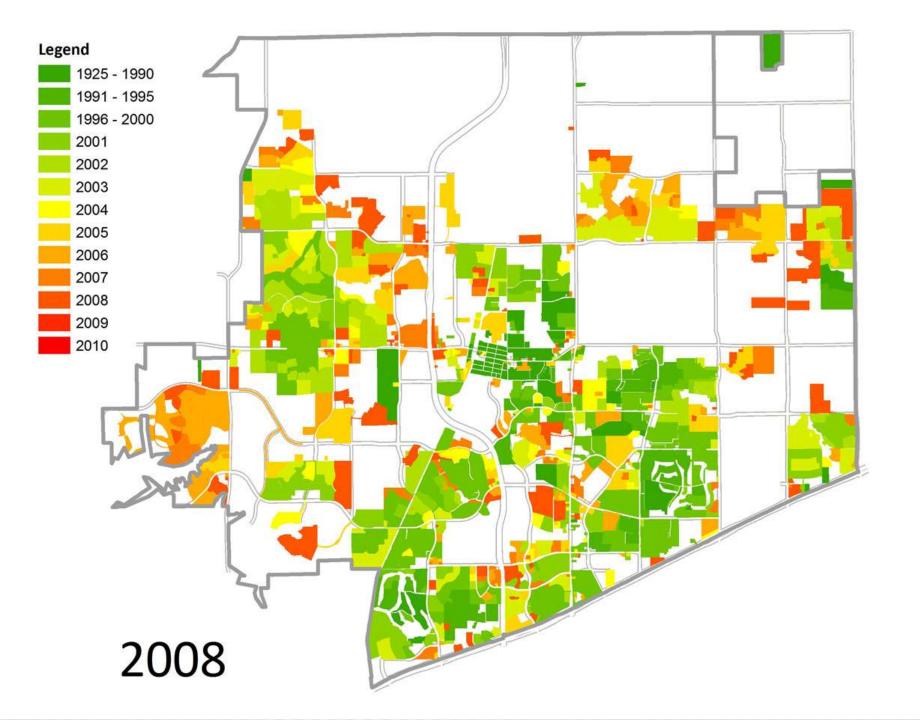


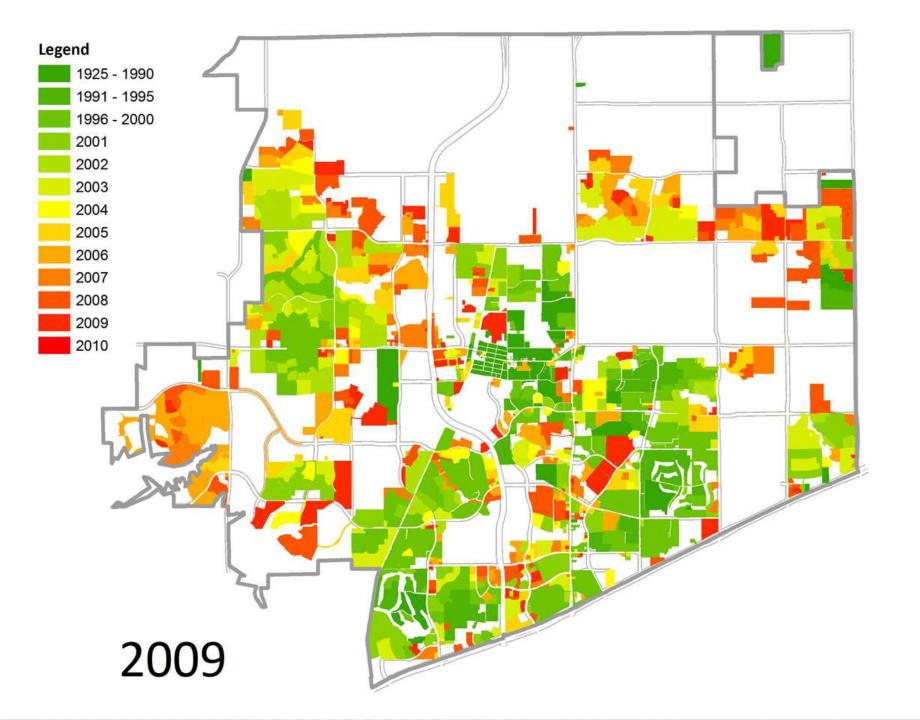


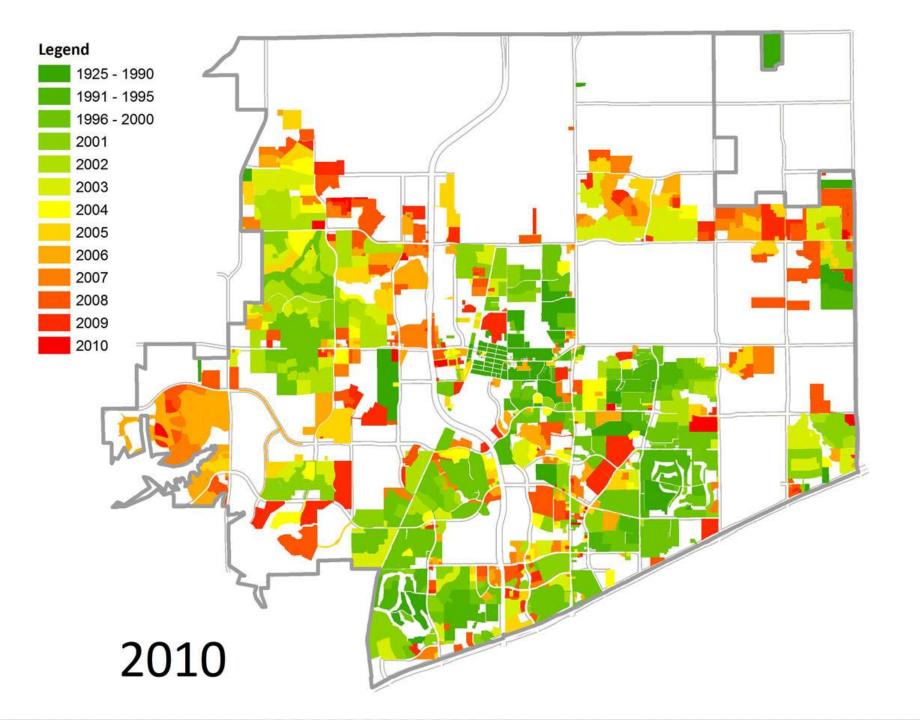










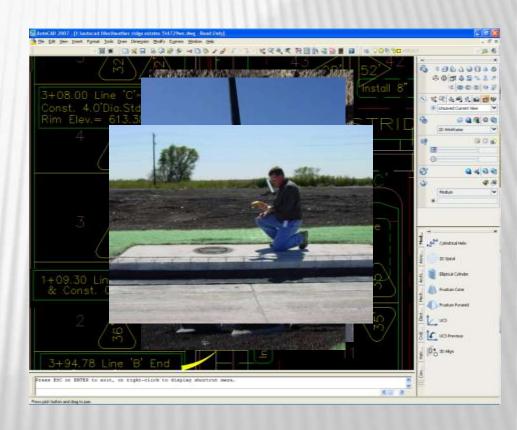




MANAGING THE GROWTH

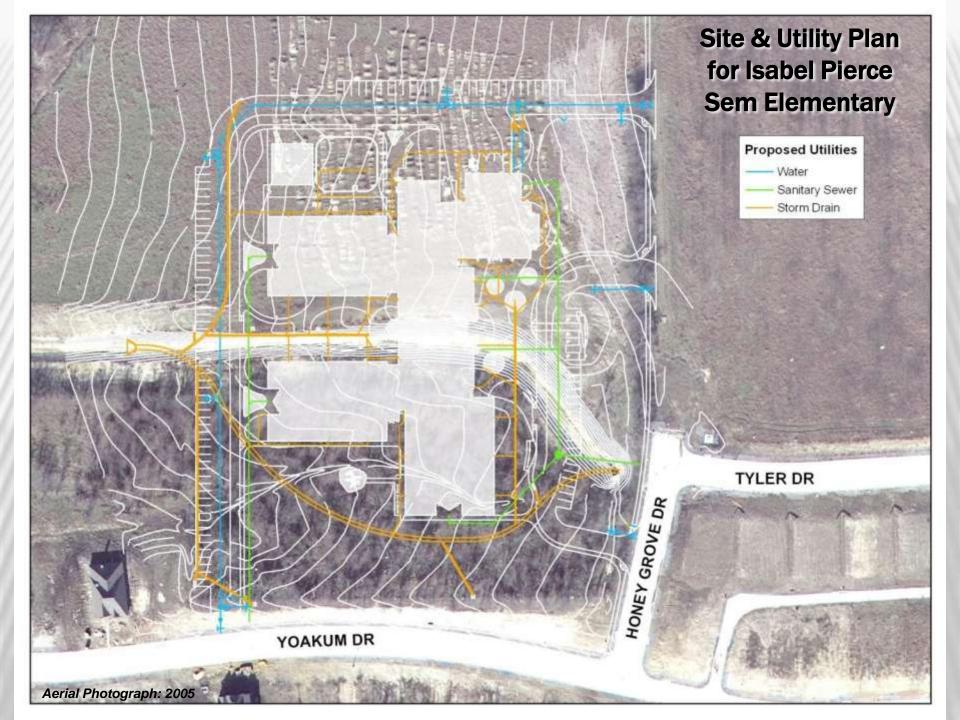
Data Collection

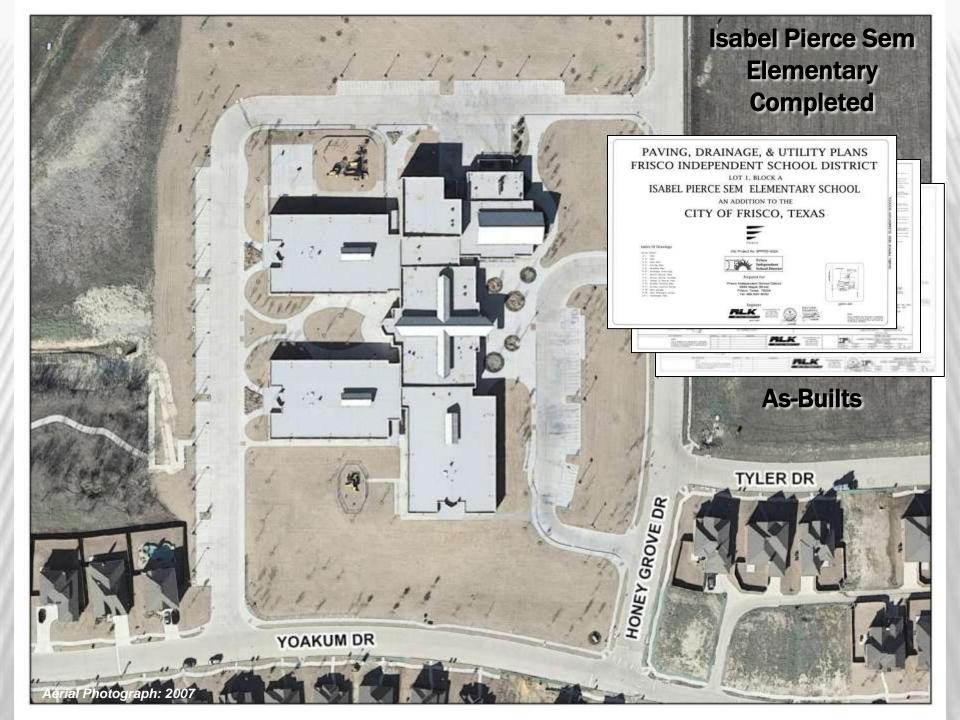
- As-Built Drawings
- GPS Infrastructure
 - Fire Hydrants
 - Manholes
 - Streetlights
 - Valves
 - Clean-Outs
 - Many other Utility
 - **Features**

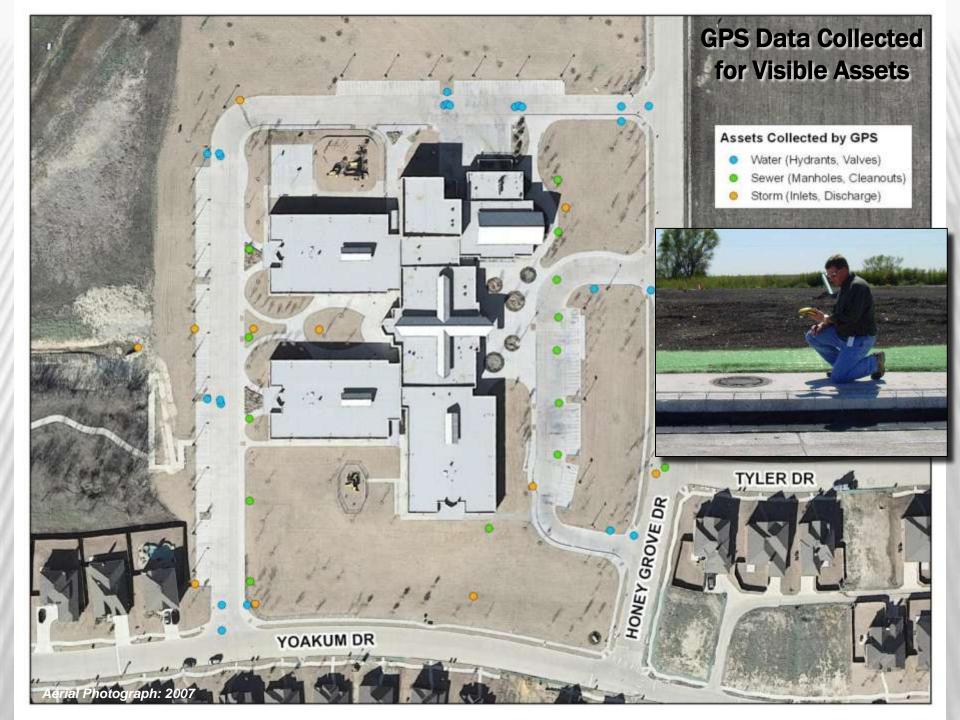


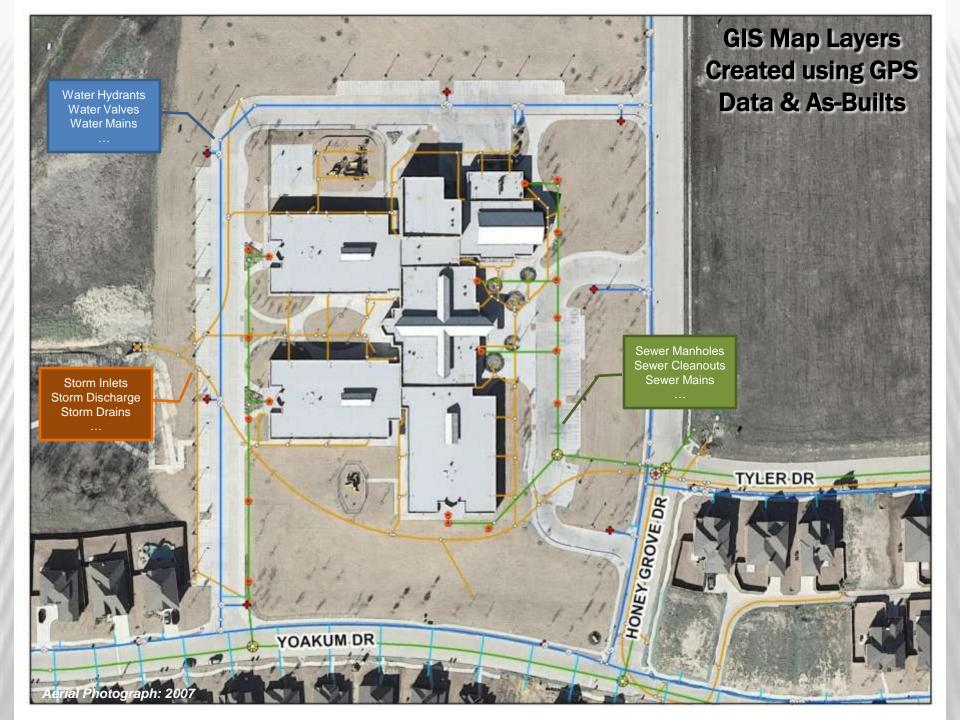












FRISCO (

MANAGING THE GROWTH

- Roads
- Property Boundaries
- Addresses
- Emergency Service Districts
- Zoning
- Annexations
- Public Facilities
- Schools and Parks



DATA SHARING

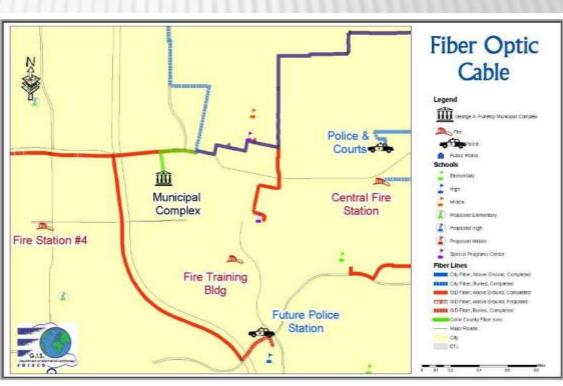
North Central Texas Council of Governments

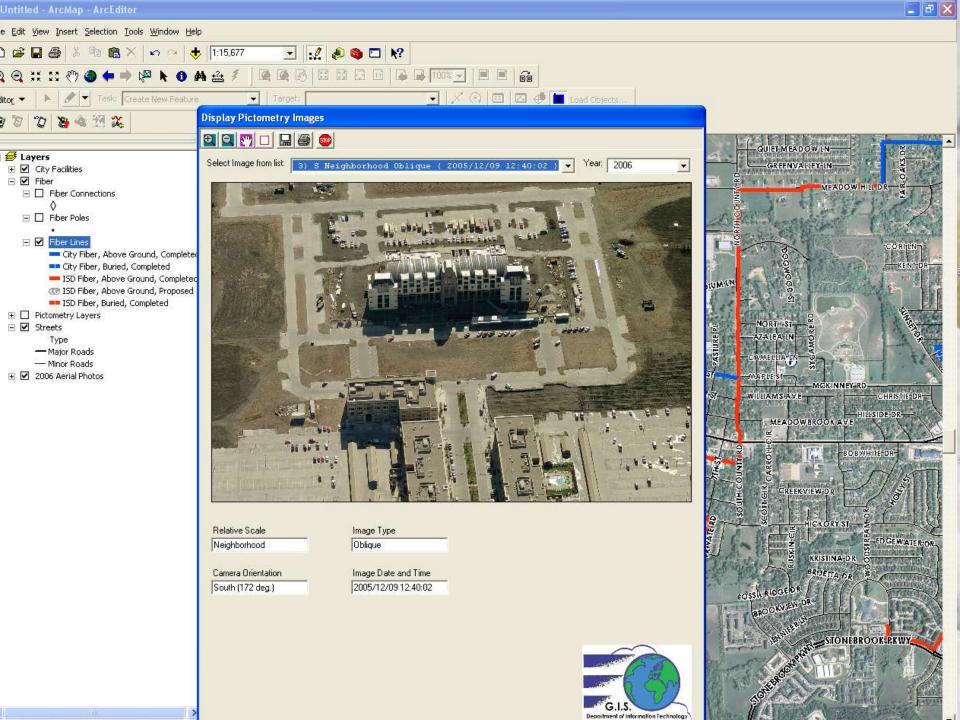
County Agreement - local governments share in the cost of purchasing:

School Photographs
School Photographs
Transportation, Building Footprints, Vegetation

School Procurements School Procurements School Procurements

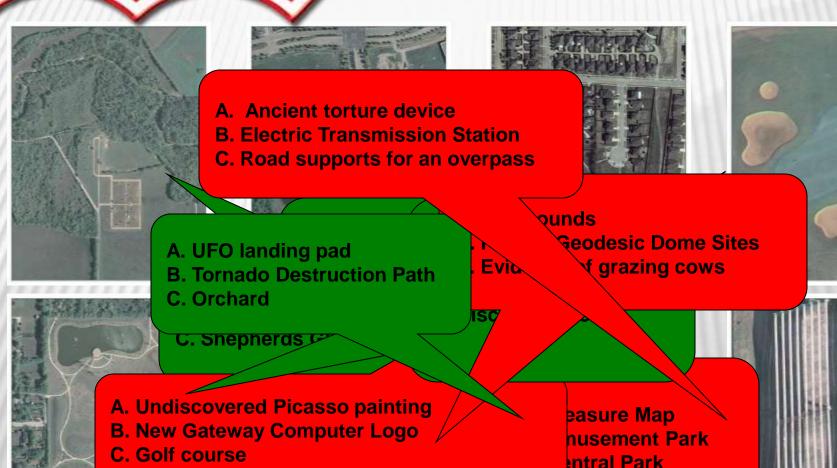






FRISCO

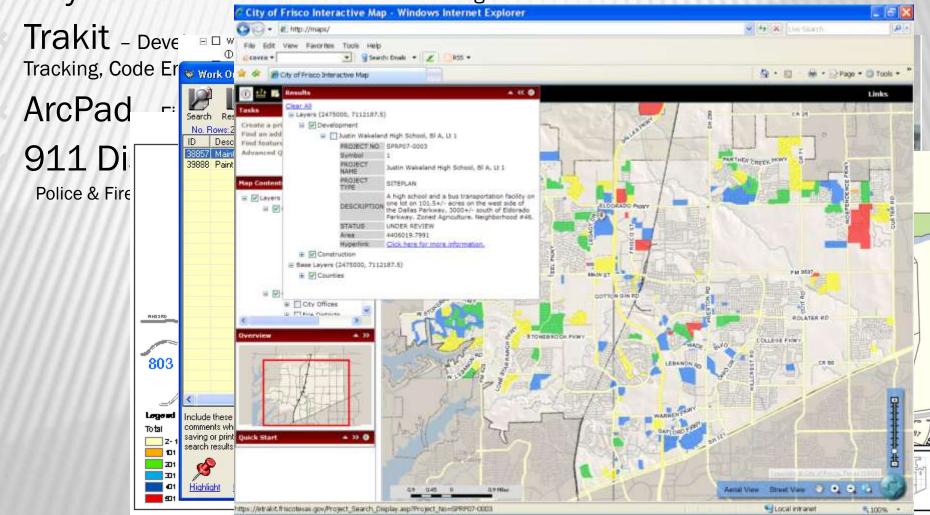
WHAT IS THIS??





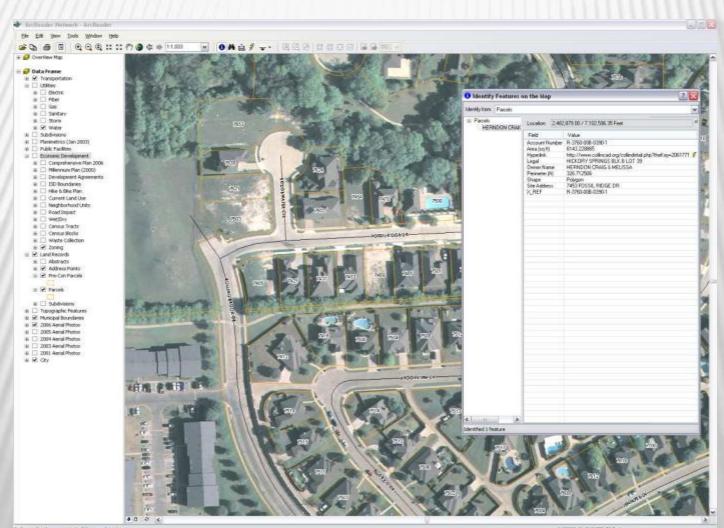
GIS IN ACTION

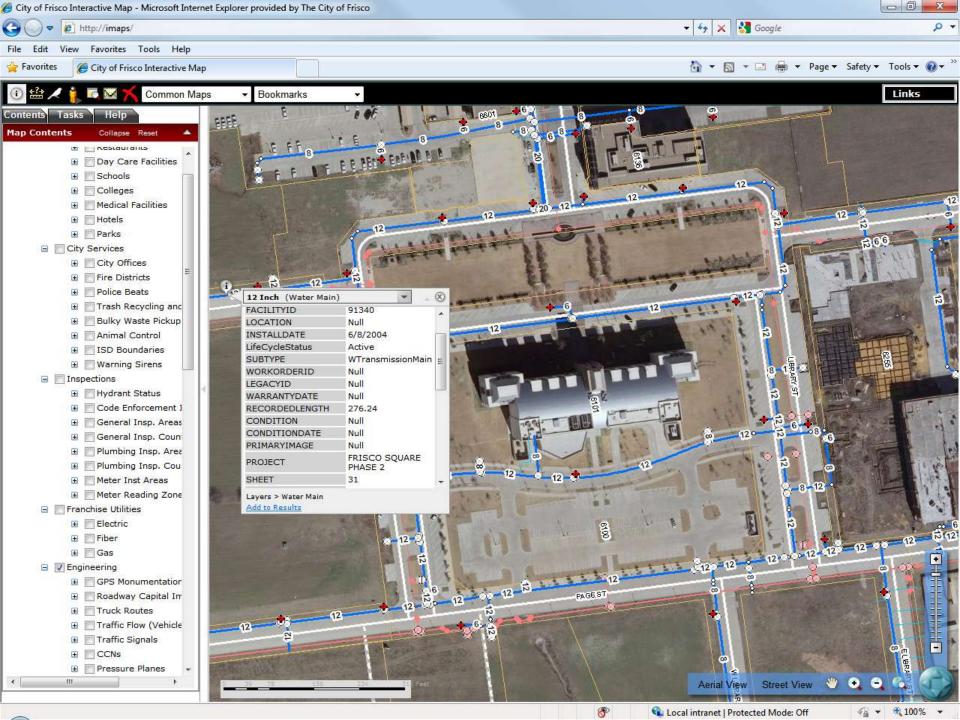
Cityworks - Public Works Work Order Management





STAFF ACCESS TO GIS





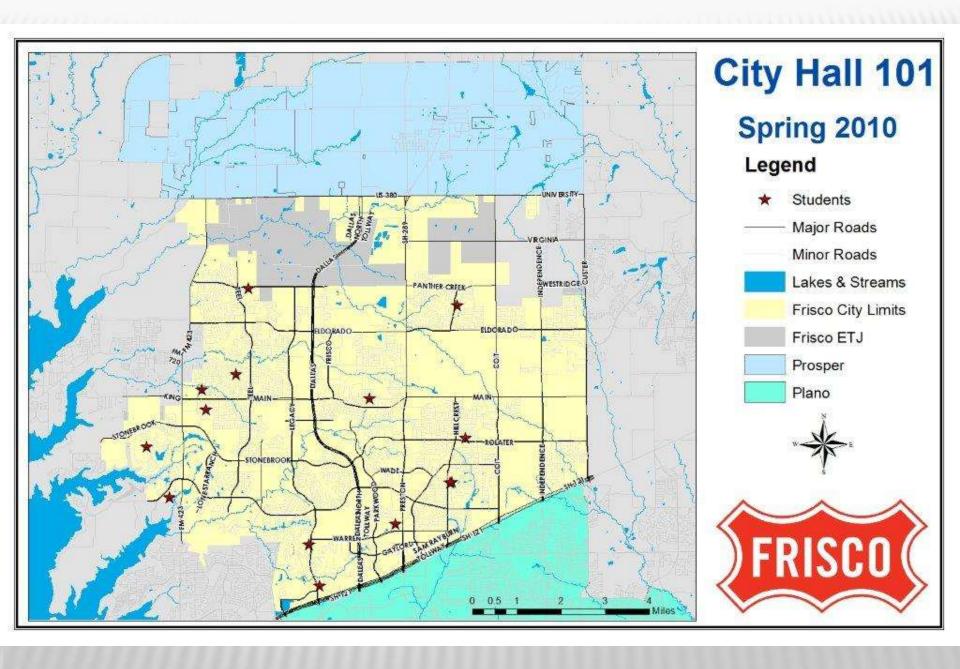


PUBLIC ACCESS TO GIS

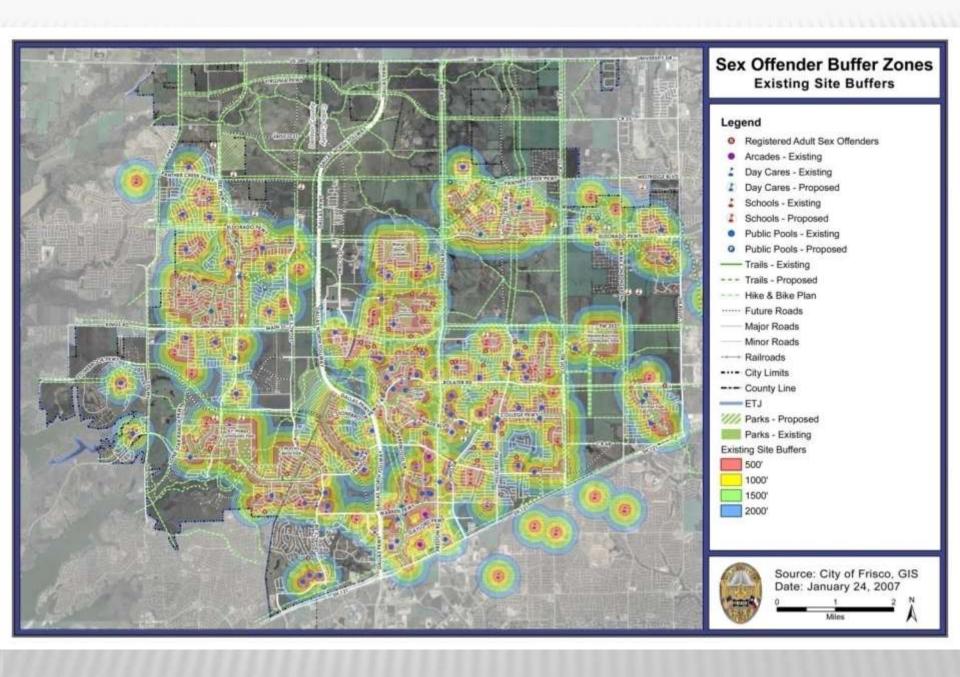
	11/7/								61 1 E 4 2 4		
777777777	2000 0	ensus Sun	nmary File	1 Report			Query Resul	5	Select a new radius: .5 1 2 miles		
2000 Census Summary File 1 Report Detailed Age,Sex,Households,Families,and Housing (SF1) Report											
1 Mile Radius									8503 SCOTT CIR FRISCO TX		
GENERAL CHARACTERISTICS									GRIFFIN SCOTT K ETUX SHARON		
	Total	Percent					Total		PO BOX 607 FRISCO TX 75034-0011		
Total Population 6,579 100.0% Male 3,261 49.6% Female 3,318 50.4%			Total Housing Units Households Household size				2,805 2,282 2.88		PECAN GROVE ESTATES #02 BLK 2 LOT 1		
									n piled from the 2002 preliminary certified tax roll by the Collin County Appraisal District, and		
										Median Age (years)	N/A
			Grou	up Quarters Po	pulation		0		VII. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
POPULATION BY RACE AND I	HISPANIC ORIGIN	١									
					Hispanio		Non-Hispan	ic	3ROVE ESTATES #2		
Universe: Persons			Total	Percent	Total	Percent	Total	Percent	MOYE COINIES #2		
Total			6,579	100.0%	1,535	23.3%	5,044	76.7%			
White alone			5,404	82.1%	802	12.2%	4,602	69.9%	1		
Black/African American Alone			301	4.6%	4	0.1%	297	4.5%	Creek		
American Indian And Alaska N	lative Alone		18	0.3%	2	0.0%	16	0.2%			
Asian Alone			60	0.9%	0	0.0%	60	0.9%	almer , Senior Community Manager		
Native Hawaiian and Other Pa	icific Islander alon	ne.	5	0.1%	4	0.1%	1	0.0%	TX 75034		
Some other race alone			634	9.6%	628	9.5%	6	0.1%			
Two or more races			157	2.4%	95	1.4%	62	0.9%			
Tool of more faces			101	2.110		1.110		0.0 10			
AGE	HOUSEHOLDS BY TYPE										
	Total	Percent					Total	Percent			
Under 5 years	698	10.6%	Tota	al households			2,282	100%			
5 to 9 years	572	8.7%	Family households (families)			1,716	75.2%				
10 to 14 years 561 8.5%			with own children under 18 years				1,052	46.1%			
15 to 19 years	467	7.1%	M	Married-couple	family		1,329	58.2%			
20 to 24 years 443 6.7 %			with own children under 18 years				794	34.8%			
25 to 34 years 1,279 19.4%			Female householder, no husband present				274	12.0%	e Pickup: Thursday		
35 to 44 years 1,215 18.5%			with own children under 18 years				188	8.2%	rday		
45 to 54 years	611	9.3%		family househ			118	5.2%			
55 to 59 years	228	3.5%	1 pe	erson househol	lds		448	19.6%	ensus		
60 to 64 years	122 214	1.9% 3.3%	ш	oobold05 ···			246	10.8%	6,579		
65 to 74 years 75 to 84 years	∠14 139	2.1%		iseholder 65 ye iseholds with in	ears and over ndividuals und:	ar 18 vaare	1,130	10.8% 49.5%	2,805		
85 years and over	30	0.5%			rdividuals 65 y		284	12.4%	3,261		
, 4114 0001		0.010		rage family siz			N/A	12.11	3,318		
18 years and over	4,457	67.7%		V - ·-····) -·-							
Male	2,202	33.5%	REL	.ATIONSHIP							
Female	2,255	34.3%		al population			6,579	100.0%	economic profile, housing profile		
21 years and over	ars and over 4,201 63.9% In households					6,579	100.0%				
62 years and over	450	6.8%	In	n family house	holds		5,850	88.9%			
65 years and over	383	5.8%		Householder			1.716	26.1%			



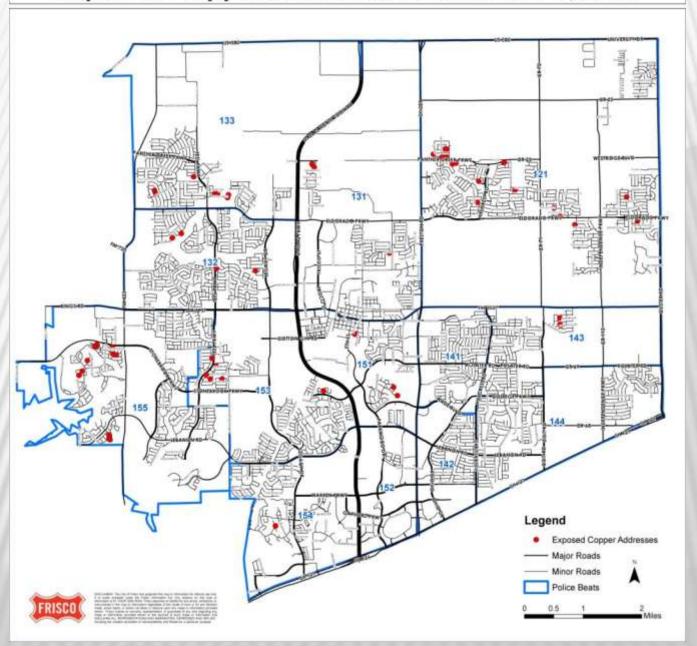
DEMO TIME

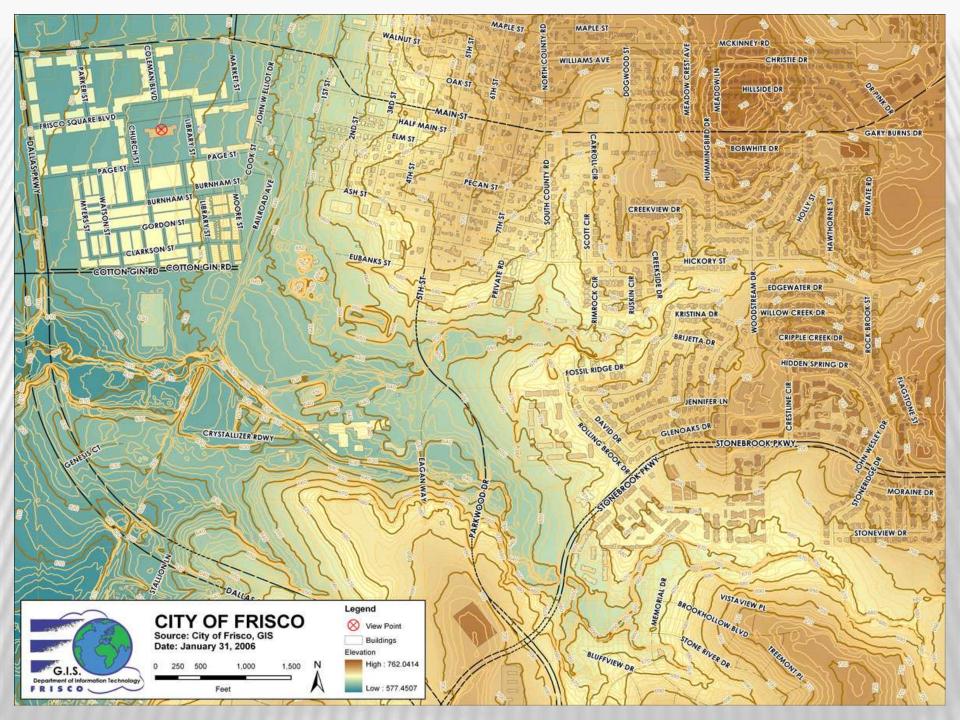


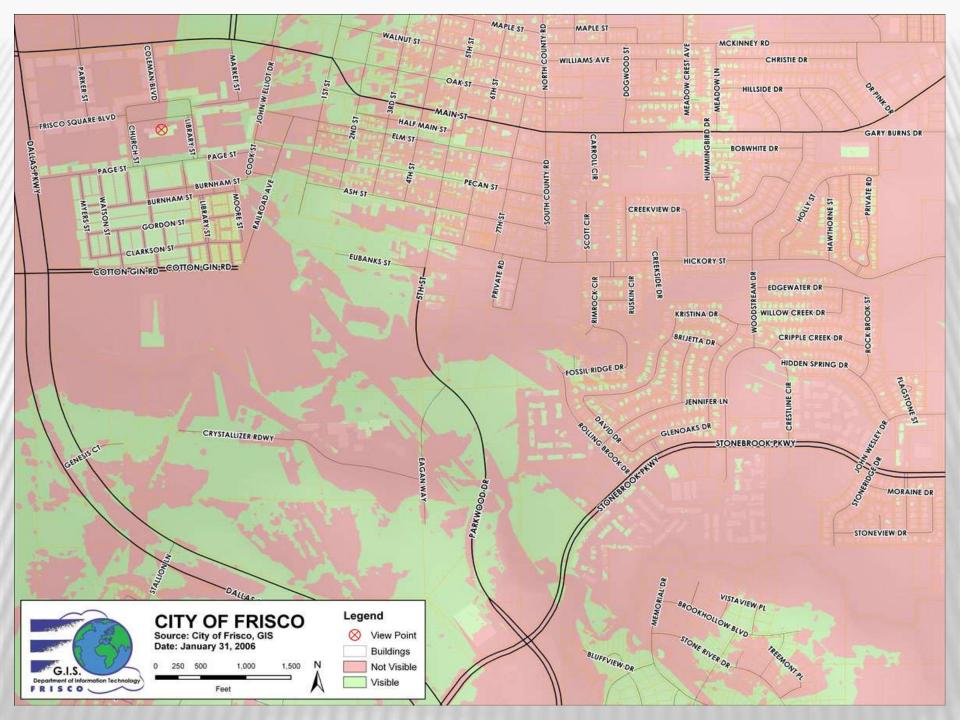


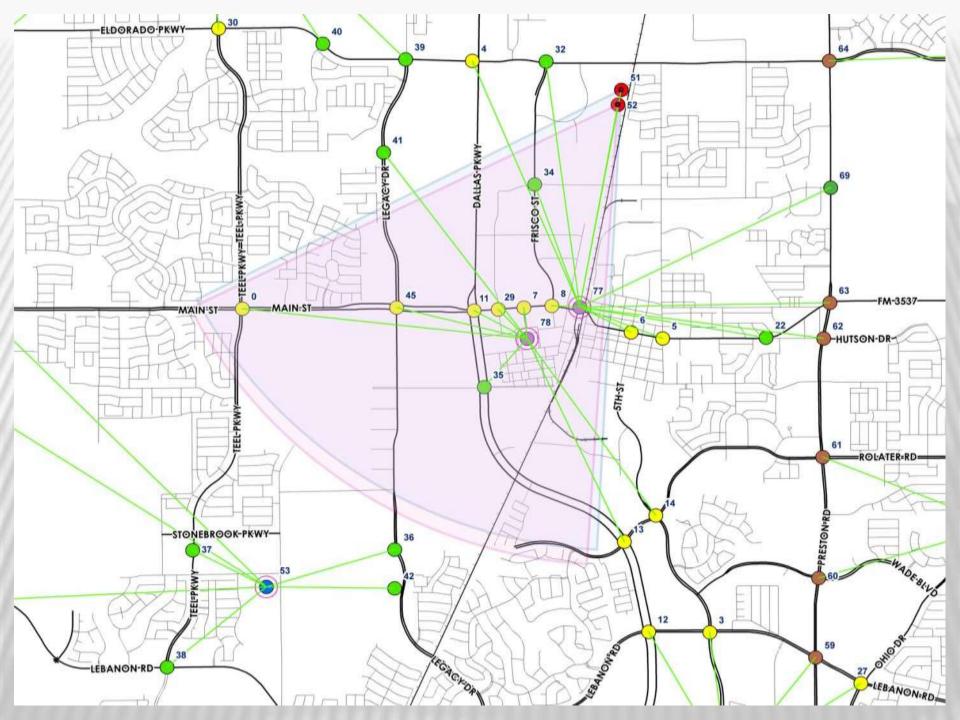


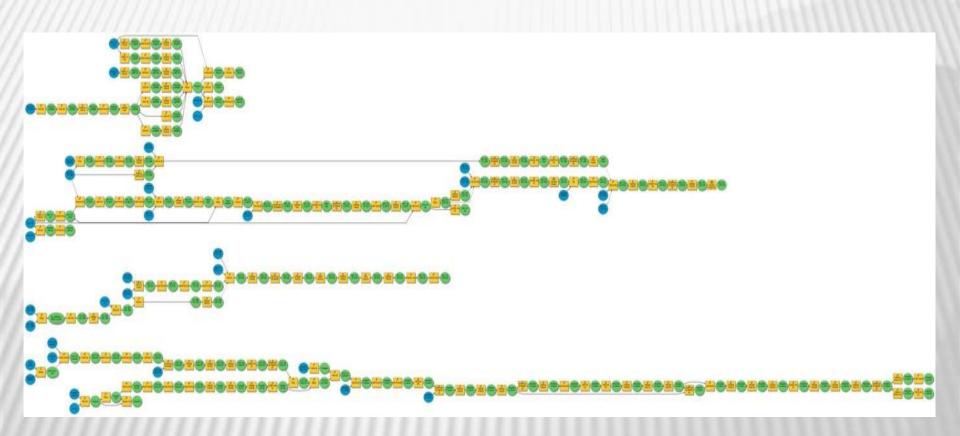
Exposed Copper Addresses November 9, 2007

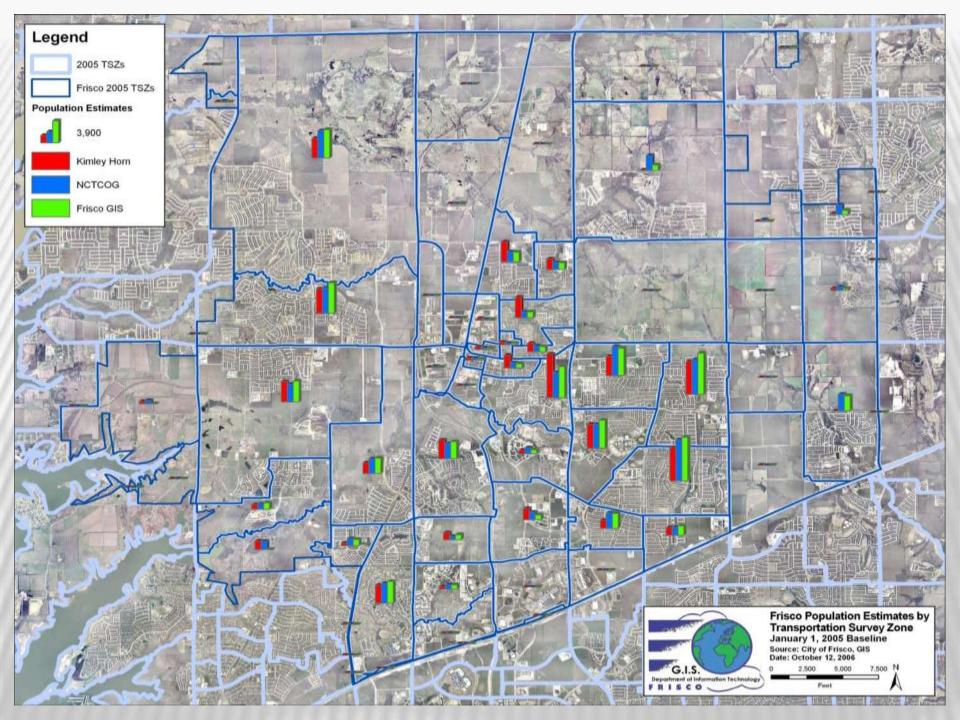


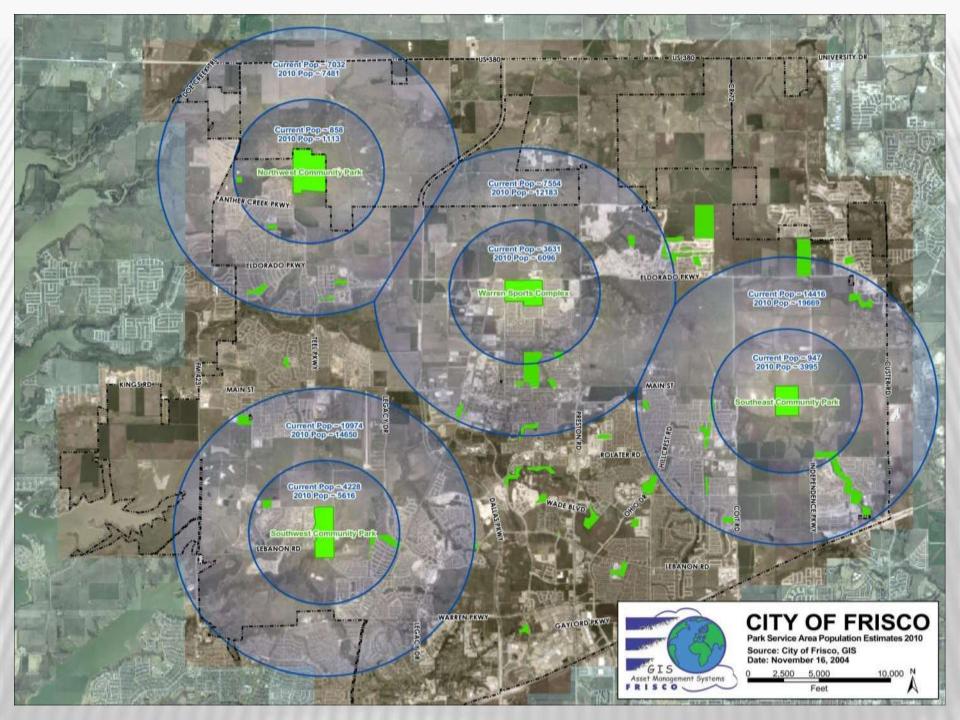


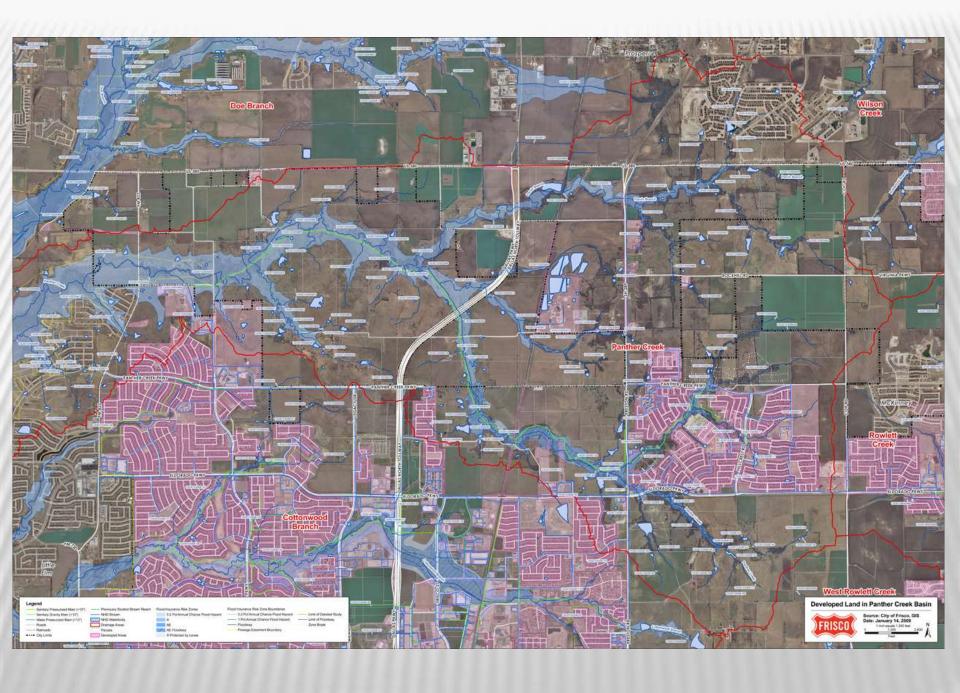








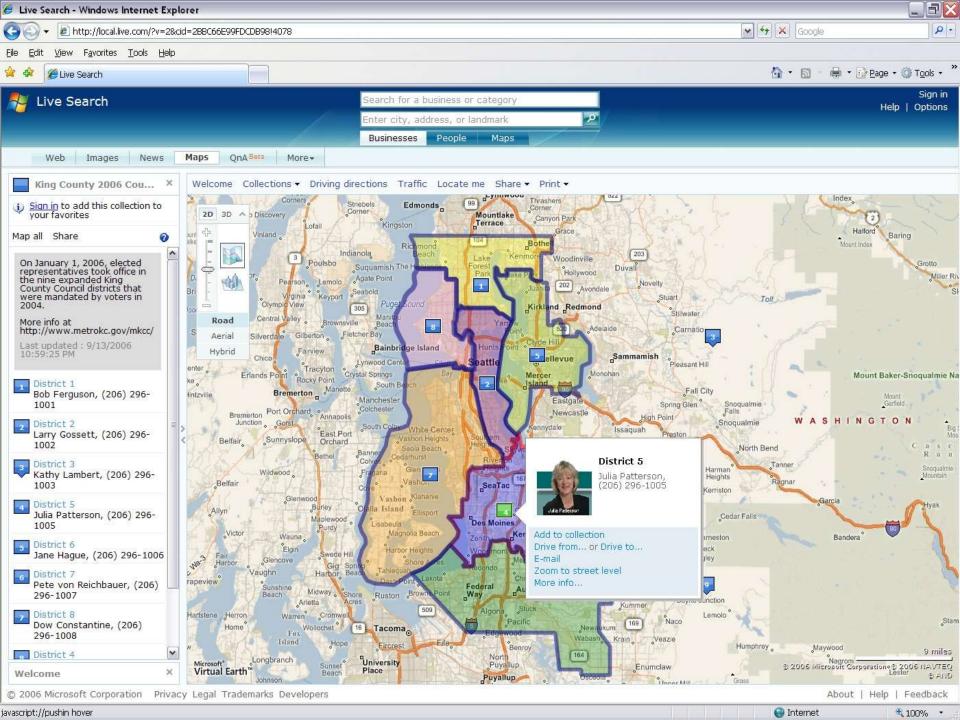


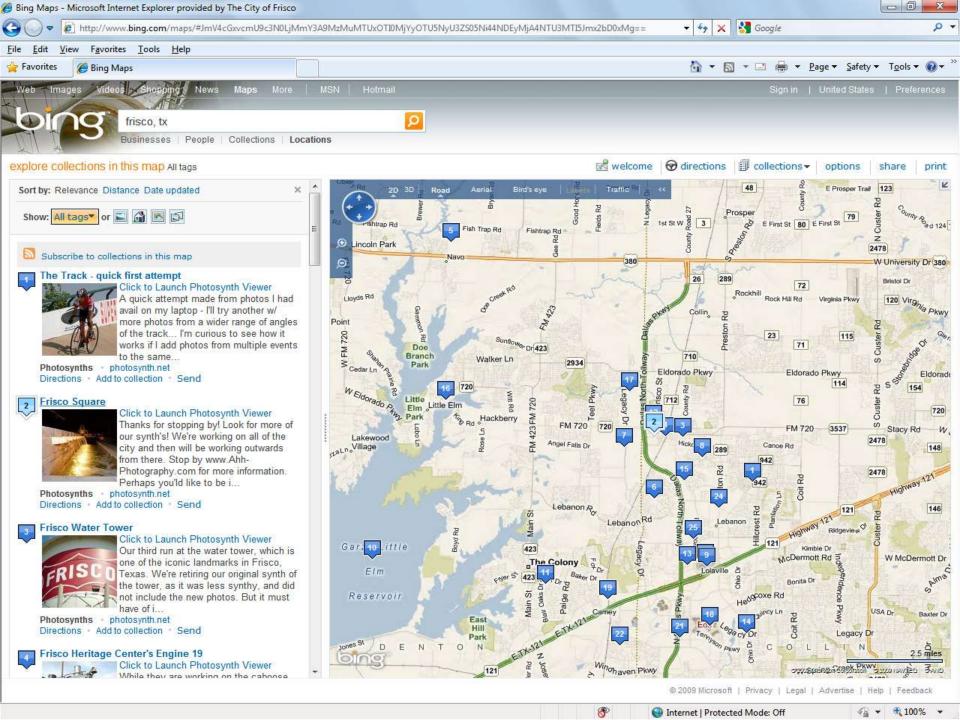


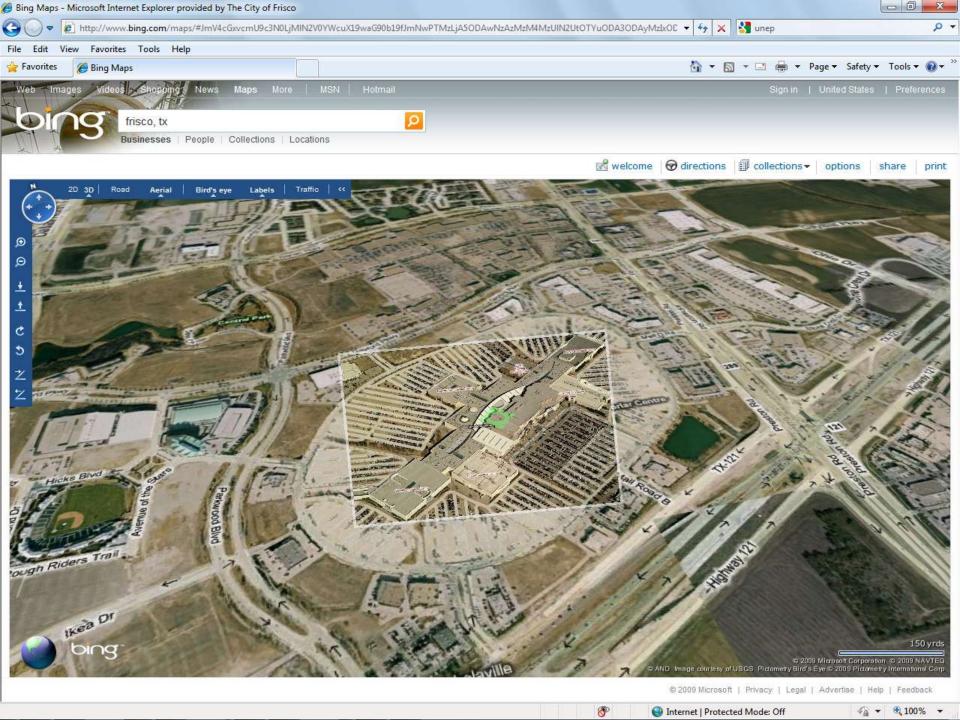


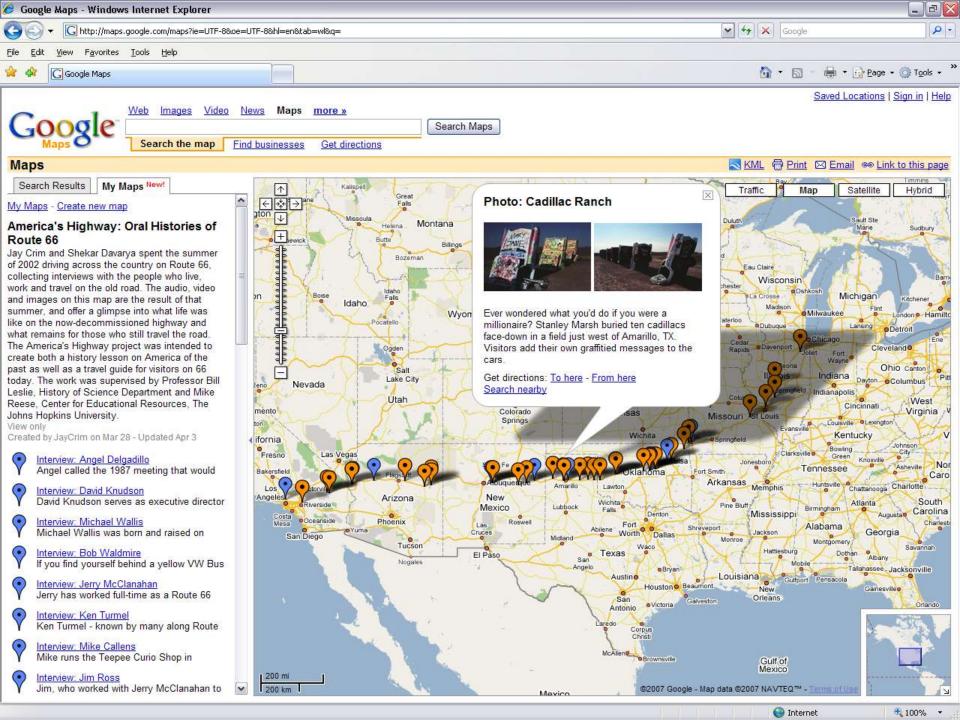
GIS AND YOU

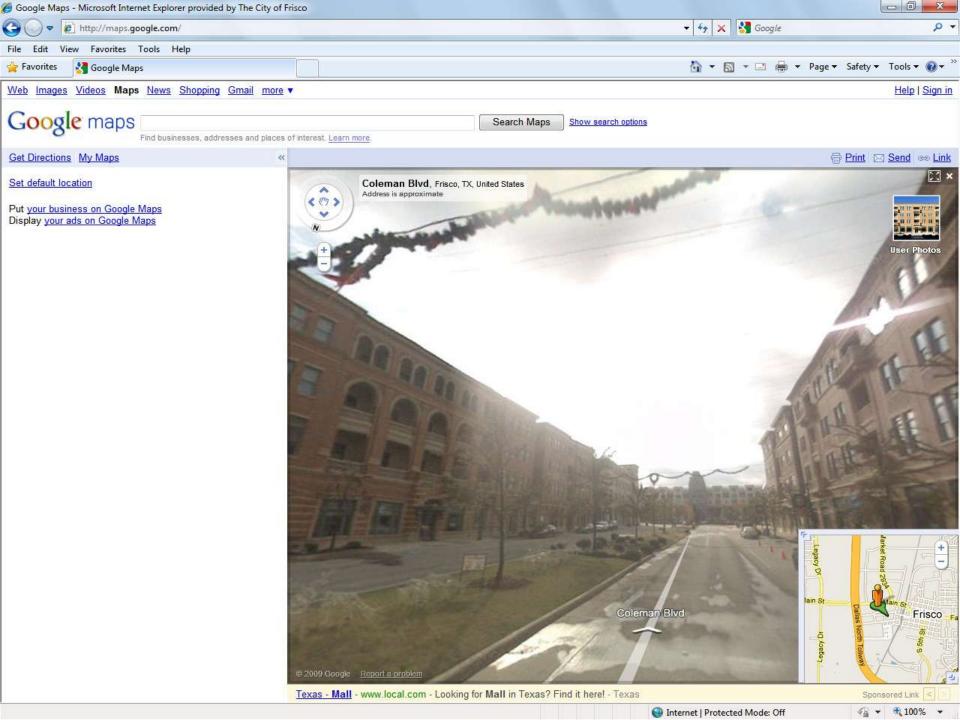
- Major Mapping Portals
 - Microsoft, Google, Yahoo, Mapquest
- Mashups
 - Web application hybrids based on information from Major Mapping Portals
 - Relatively Easy to Make
 - Wide Variety of Subject Matter
 - Growing in popularity

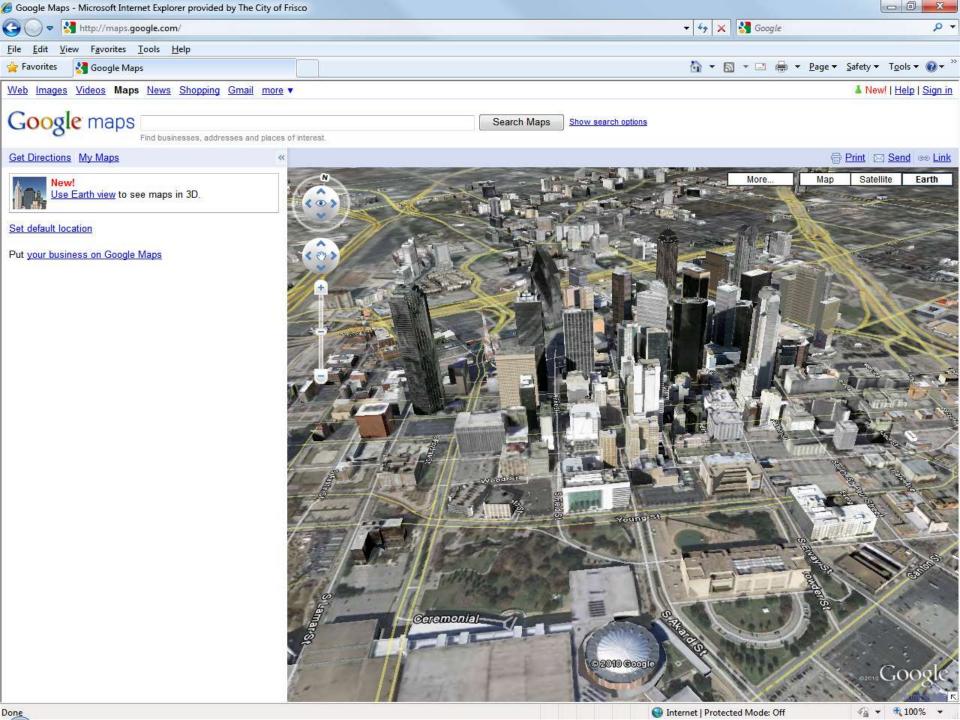


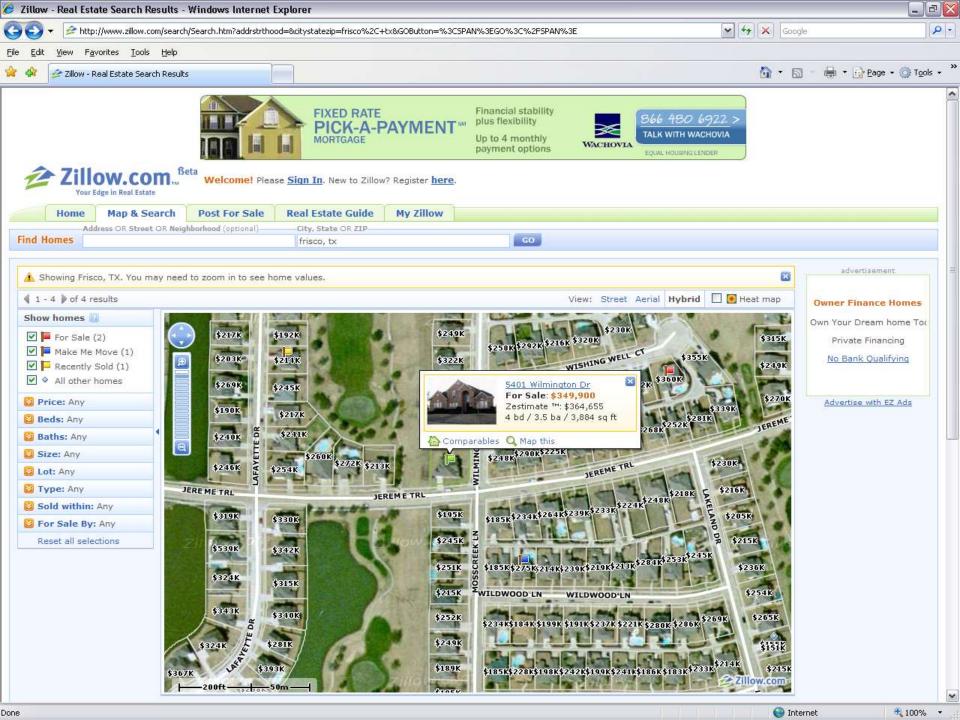


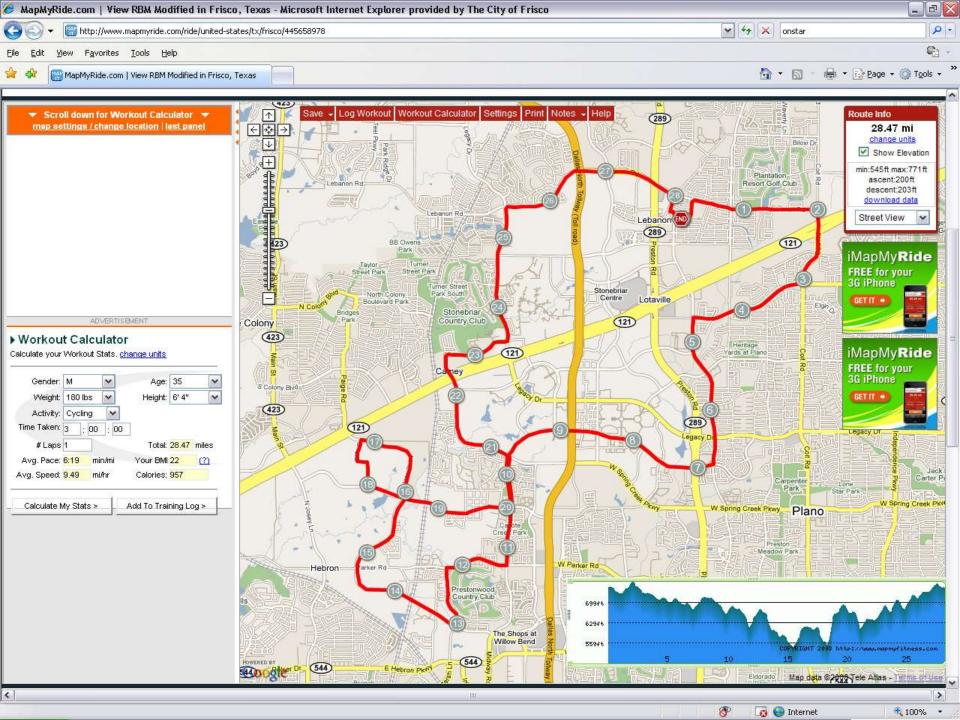














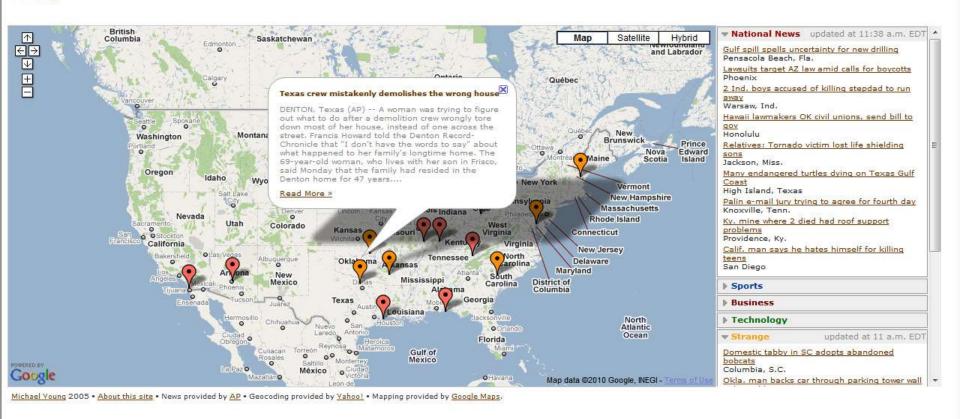


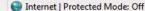
AP News + Google Maps - Michael Young

Favorites

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